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                RAW SEQUENCE LISTING              DATE: 04/23/2001
                PATENT APPLICATION:  US/09/827,289   TIME: 13:09:02

                Input Set : A:\Alleles.app
                Output Set: N:\CRF3\04232001\I827289.raw

     3 <110> APPLICANT: Abarzua, Patricio
     5 <120> TITLE OF INVENTION: Process for Allele Discrimination Using Primer
     6       Extension
     8 <130> FILE REFERENCE: 469290-55
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/827,289
C--> 11 <141> CURRENT FILING DATE: 2001-04-05
    13 <150> PRIOR APPLICATION NUMBER: U.S. 60/194843
    14 <151> PRIOR FILING DATE: 2000-04-05
    16 <160> NUMBER OF SEQ ID NOS: 35
    18 <170> SOFTWARE: PatentIn Ver. 2.1
    20 <210> SEQ ID NO: 1
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    22 <212> TYPE: DNA
    23 <213> ORGANISM: Artificial Sequence
    25 <220> FEATURE:
    26 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
    27       use in allele discrimination
    29 <400> SEQUENCE: 1
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    35 <212> TYPE: DNA
    36 <213> ORGANISM: Artificial Sequence
    38 <220> FEATURE:
    39 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
    40       use in allele discrimination
    42 <400> SEQUENCE: 2
    43 ctcagtgtga ttccaccttc acc                                    23
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    47 <211> LENGTH: 23
    48 <212> TYPE: DNA
    49 <213> ORGANISM: Artificial Sequence
    51 <220> FEATURE:
    52 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
    53       use in allele discrimination
    55 <400> SEQUENCE: 3
    56 ctcagtgtga ttccaccttc tca                                    23
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    61 <212> TYPE: DNA
    62 <213> ORGANISM: Artificial Sequence
    64 <220> FEATURE:
    65 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
    66       use in allele discrimination
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    69 ctcagtgtga ttccaccttc aca                                    23
    72 <210> SEQ ID NO: 5
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PATENT APPLICATION: US/09/827,289   TIME: 13:09:02

Input Set : A:\Alleles.app
Output Set: N:\CRF3\04232001\I827289.raw

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74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: Target
79       polynucleotide for allele discrimination
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83 cctatagtga gtcgtattaa actaaagctg agacat                        96
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 96
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Target
93       polynucleotide for allele discrimination
95 <400> SEQUENCE: 6
96 gacgagtcag aatcagagaa agacaatata gttctttgag aaggtggaat cacactgagc 60
97 cctatagtga gtcgtattaa actaaagctg agacat                        96
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102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Description of Artificial Sequence: Target
107       polynucleotide for allele discrimination
109 <400> SEQUENCE: 7
110 taataggaca tctccaagtt tgcagagaaa gacaatatag ttcttggaga aggtggaatc 60
111 acactgagtg gaggtcaacg                                          80
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 80
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Target
121       polynucleotide for allele discrimination
123 <400> SEQUENCE: 8
124 taataggaca tctccaagtt tgcagagaaa gacaatagag ttctttgaga aggtggaatc 60
125 acactgagtg gaggtcaacg                                          80
128 <210> SEQ ID NO: 9
129 <211> LENGTH: 68
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: Target
135       polynucleotide for allele discrimination
137 <400> SEQUENCE: 9
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139 tgtcatct                                                       68
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PATENT APPLICATION: US/09/827,289   TIME: 13:09:02

Input Set : A:\Alleles.app
Output Set: N:\CRF3\04232001\I827289.raw

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148 <223> OTHER INFORMATION: Description of Artificial Sequence: Target
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153 tgtcatct                                                      .68
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158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
163       use in allele discrimination
165 <400> SEQUENCE: 11
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169 <210> SEQ ID NO: 12
170 <211> LENGTH: 45
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
176       use in allele discrimination
178 <400> SEQUENCE: 12
179 tttttttttt ttttttttt tttttagtgt gattccacct tctcc              45
182 <210> SEQ ID NO: 13
183 <211> LENGTH: 45
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
189       use in allele discrimination
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197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
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208 <210> SEQ ID NO: 15
209 <211> LENGTH: 45
210 <212> TYPE: DNA
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PATENT APPLICATION: US/09/827,289   TIME: 13:09:02

Input Set : A:\Alleles.app
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213 <220> FEATURE:
214 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
215       use in allele discrimination
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218 tttttttttt tttttacctc cactcagtgt gattccacct tctca               45
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222 <211> LENGTH: 45
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
228       use in allele discrimination
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234 <210> SEQ ID NO: 17
235 <211> LENGTH: 45
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
241       use in allele discrimination
243 <400> SEQUENCE: 17
244 tttttttttt tttttttttt tttttttttt gattccacct tctca               45
247 <210> SEQ ID NO: 18
248 <211> LENGTH: 45
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
254       use in allele discrimination
256 <400> SEQUENCE: 18
257 tttttttttt tttttttttt tttttttttt tttttcacct tctca               45
260 <210> SEQ ID NO: 19
261 <211> LENGTH: 46
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
267       use in allele discrimination
269 <400> SEQUENCE: 19
270 tttttttttt tttttagaa gatgacaaaa atcatttcta ttctca                46
273 <210> SEQ ID NO: 20
274 <211> LENGTH: 46
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
280       use in allele discrimination
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RAW SEQUENCE LISTING   DATE: 04/23/2001
PATENT APPLICATION: US/09/827,289   TIME: 13:09:02

Input Set : A:\Alleles.app
Output Set: N:\CRF3\04232001\I827289.raw

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283 tttttttttt tttttttttt ttttttaaaa atcatttcta ttctca              46
286 <210> SEQ ID NO: 21
287 <211> LENGTH: 46
288 <212> TYPE: DNA
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
293       use in allele discrimination
295 <400> SEQUENCE: 21
296 tttttttttt tttttttttt tttttttttt ttcatttcta ttctca              46
299 <210> SEQ ID NO: 22
300 <211> LENGTH: 46
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
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308 <400> SEQUENCE: 22
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312 <210> SEQ ID NO: 23
313 <211> LENGTH: 46
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
319       use in allele discrimination
321 <400> SEQUENCE: 23
322 tttttttttt tttttttagaa gatgacaaaa atcatttcta ttctct            46
325 <210> SEQ ID NO: 24
326 <211> LENGTH: 46
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
332       use in allele discrimination
334 <400> SEQUENCE: 24
335 tttttttttt tttttttttt ttttttaaaa atcatttcta ttctct             46
338 <210> SEQ ID NO: 25
339 <211> LENGTH: 46
340 <212> TYPE: DNA
341 <213> ORGANISM: Artificial Sequence
343 <220> FEATURE:
344 <223> OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
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347 <400> SEQUENCE: 25
348 tttttttttt tttttttttt tttttttttt ttcatttcta ttctct             46
351 <210> SEQ ID NO: 26
352 <211> LENGTH: 46
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VERIFICATION SUMMARY   DATE: 04/23/2001
PATENT APPLICATION: US/09/827,289   TIME: 13:09:03

Input Set : **A:\Alleles.app**
Output Set: **N:\CRF3\04232001\I827289.raw**

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date